

SHORT-TERM INDIANA OCCUPATIONAL PROJECTIONS

BASE PERIOD: 2005 First Quarter
PROJECTED PERIOD: 2007 First Quarter
AREA: Economic Growth Region 07

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	1st Quarter 2005 Employment	1st Quarter 2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
00-0000	Total, All Occupations	92,800	93,450	650	1%	4,750	6,300	\$30,180	NA
11-0000	Management Occupations	3,680	3,680	0	0%	120	170	\$67,457	NA
11-1000	Top Executives	1,250	1,260	10	0%	40	50	NA	NA
11-1011	Chief Executives	150	150	-10	-3%	10	10	\$96,717	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	1,050	1,060	10	1%	40	50	\$73,924	Work experience plus bachelor's or higher degree
11-1031	Legislators	50	50	0	-2%	0	0	\$25,050	NA
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	150	130	-20	-12%	10	10	NA	NA
11-2021	Marketing Managers	50	40	-10	-22%	0	0	NA	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	70	70	-10	-7%	0	0	\$73,217	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	20	20	0	-10%	0	0	\$58,142	Work experience plus bachelor's or higher degree
11-3000	Operations Specialties Managers	700	690	-10	-1%	20	30	NA	NA
11-3011	Administrative Services Managers	130	130	0	1%	0	10	\$50,845	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	120	110	-10	-11%	0	0	\$77,488	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	140	140	0	0%	0	0	\$81,257	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	60	60	0	-3%	0	0	NA	NA
11-3051	Industrial Production Managers	170	180	0	2%	10	10	\$87,873	Bachelor's degree
11-3061	Purchasing Managers	30	30	0	-6%	0	0	\$70,884	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	50	50	0	4%	0	0	\$62,653	Work experience in a related occupation
11-9000	Other Management Occupations	1,580	1,600	20	2%	50	80	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	40	40	0	2%	0	0	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	70	70	0	0%	0	0	\$72,480	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	40	0	0%	0	0	\$35,271	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	180	190	10	4%	10	20	\$69,187	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	40	40	0	5%	0	0	\$88,872	Work experience plus bachelor's or higher degree
11-9041	Engineering Managers	90	90	0	1%	0	0	\$86,394	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	310	320	10	2%	10	20	\$44,413	Work experience in a related occupation
11-9061	Funeral Directors	20	20	0	0%	0	0	\$63,017	Associate degree
11-9081	Lodging Managers	30	30	0	-7%	0	0	NA	Work experience in a related occupation
11-9111	Medical and Health Services Managers	230	240	0	1%	10	10	\$53,201	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	40	40	0	3%	0	0	NA	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	60	60	0	2%	0	0	\$45,260	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	40	40	0	8%	0	0	\$38,256	Bachelor's degree
11-9151	Social and Community Service Managers	70	70	0	4%	0	10	\$40,043	Bachelor's degree
11-9199	Managers, All Other	320	320	0	-1%	10	10	\$58,652	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	3,500	3,550	50	1%	110	190	\$49,272	NA
13-1000	Business Operations Specialists	2,460	2,510	50	2%	80	140	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	0	0	\$49,482	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	40	40	0	0%	0	0	\$35,964	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	180	180	0	0%	10	10	\$51,667	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	90	90	0	-4%	0	0	NA	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	80	80	0	-1%	0	0	\$50,419	Long-term on-the-job training
13-1051	Cost Estimators	80	80	0	2%	0	10	\$38,523	Bachelor's degree
13-1071	Employment, Recruitment, and Placement Specialists	100	110	0	3%	0	10	\$37,655	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	70	70	0	2%	0	0	\$44,280	Bachelor's degree

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13-1073	Training and Development Specialists	120	120	0	3%	0	10	\$46,303	Bachelor's degree
13-1111	Management Analysts	210	200	-10	-5%	10	10	\$62,366	Work experience plus bachelor's or higher degree
13-1199	Business Operations Specialists, All Other	1,460	1,520	60	4%	40	100	NA	Bachelor's degree
13-2000	Financial Specialists	1,040	1,040	0	0%	30	40	NA	NA
13-2011	Accountants and Auditors	600	590	-10	-1%	20	20	\$48,397	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	60	70	0	5%	0	10	\$23,019	Postsecondary vocational training
13-2031	Budget Analysts	30	30	0	3%	0	0	\$58,665	Bachelor's degree
13-2051	Financial Analysts	50	40	-10	-13%	0	0	\$45,785	Bachelor's degree
13-2052	Personal Financial Advisors	40	40	0	7%	0	0	NA	Bachelor's degree
13-2072	Loan Officers	140	140	0	1%	0	10	\$49,443	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	50	60	0	2%	0	0	NA	Bachelor's degree
13-2099	Financial Specialists, All Other	40	40	0	0%	0	0	NA	Bachelor's degree
15-0000	Computer and Mathematical Occupations	960	950	0	0%	30	40	\$49,043	NA
15-1000	Computer Specialists	900	900	-10	-1%	20	40	NA	NA
15-1021	Computer Programmers	150	150	0	0%	10	10	\$44,845	Bachelor's degree
15-1031	Computer Software Engineers, Applications	110	90	-20	-15%	0	0	\$67,839	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	30	40	0	6%	0	0	NA	Bachelor's degree
15-1041	Computer Support Specialists	220	230	0	2%	10	10	\$33,469	Associate degree
15-1051	Computer Systems Analysts	190	200	0	2%	0	10	\$54,668	Bachelor's degree
15-1061	Database Administrators	30	30	0	4%	0	0	\$53,160	Bachelor's degree
15-1071	Network and Computer Systems Administrators	90	90	0	-1%	0	0	\$50,018	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	30	30	0	-9%	0	0	\$48,938	Bachelor's degree
15-1099	Computer Specialists, All Other	40	50	0	9%	0	10	\$40,758	Postsecondary vocational training
15-2000	Mathematical Scientists	60	60	0	2%	0	0	NA	NA
15-2041	Statisticians	40	40	0	2%	0	0	NA	Master's degree
17-0000	Architecture and Engineering Occupations	1,020	1,030	10	1%	40	60	\$51,289	NA
17-1000	Architects, Surveyors, and Cartographers	30	40	0	6%	0	0	NA	NA
17-2000	Engineers	650	660	0	0%	30	40	NA	NA
17-2051	Civil Engineers	90	90	0	1%	0	0	\$58,798	Bachelor's degree
17-2071	Electrical Engineers	80	80	0	-1%	0	0	\$58,297	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	50	50	0	2%	0	0	\$63,578	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	20	20	0	0%	0	0	\$80,371	Bachelor's degree
17-2112	Industrial Engineers	140	140	0	-2%	10	10	\$52,827	Bachelor's degree
17-2131	Materials Engineers	40	40	0	2%	0	0	NA	Bachelor's degree
17-2141	Mechanical Engineers	140	140	0	1%	10	10	\$59,619	Bachelor's degree
17-2199	Engineers, All Other	50	50	0	2%	0	0	NA	Bachelor's degree
17-3000	Drafters, Engineering, and Mapping Technicians	330	340	10	3%	10	30	NA	NA
17-3013	Mechanical Drafters	30	30	0	0%	0	0	\$35,471	Postsecondary vocational training
17-3022	Civil Engineering Technicians	50	50	0	0%	0	0	NA	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	110	120	10	4%	0	10	NA	Associate degree
17-3031	Surveying and Mapping Technicians	40	40	0	2%	0	0	\$35,586	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	50	50	0	6%	0	10	NA	NA
19-0000	Life, Physical, and Social Science Occupations	740	760	30	3%	30	60	\$43,989	NA
19-1000	Life Scientists	150	160	0	3%	10	10	NA	NA
19-1022	Microbiologists	20	20	0	9%	0	0	\$72,314	Doctoral degree
19-1042	Medical Scientists, Except Epidemiologists	70	70	0	6%	0	10	NA	Doctoral degree
19-2000	Physical Scientists	90	100	0	3%	10	10	NA	NA
19-2031	Chemists	40	50	0	5%	0	10	\$64,117	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	30	30	0	3%	0	0	NA	Bachelor's degree
19-3000	Social Scientists and Related Workers	180	180	0	2%	10	10	NA	NA

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19-3021	Market Research Analysts	40	40	0	-3%	0	0	\$39,874	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	100	110	10	5%	0	10	\$57,248	Master's degree
19-3051	Urban and Regional Planners	20	20	0	0%	0	0	\$38,613	Master's degree
19-4000	<i>Life, Physical, and Social Science Technicians</i>	320	330	10	4%	10	30	NA	NA
19-4021	Biological Technicians	60	60	0	2%	0	0	NA	Associate degree
19-4031	Chemical Technicians	70	80	0	4%	0	10	\$41,125	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	30	30	0	10%	0	0	NA	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	140	150	10	5%	10	10	\$29,031	Associate degree
21-0000	Community and Social Services Occupations	1,590	1,680	80	5%	60	140	\$29,319	NA
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Sp</i>	1,450	1,530	80	5%	50	130	NA	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	40	40	0	3%	0	0	\$31,053	Master's degree
21-1012	Educational, Vocational, and School Counselors	190	190	10	4%	10	20	\$39,522	Master's degree
21-1013	Marriage and Family Therapists	100	100	10	7%	0	10	NA	Master's degree
21-1014	Mental Health Counselors	20	30	0	4%	0	0	NA	Master's degree
21-1015	Rehabilitation Counselors	170	180	10	7%	10	20	\$22,804	Master's degree
21-1021	Child, Family, and School Social Workers	500	530	30	5%	20	40	\$29,363	Bachelor's degree
21-1022	Medical and Public Health Social Workers	60	60	0	5%	0	10	\$38,748	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	80	80	10	8%	0	10	NA	Master's degree
21-1091	Health Educators	40	40	0	6%	0	0	NA	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	80	80	0	1%	0	0	NA	Bachelor's degree
21-1093	Social and Human Service Assistants	190	200	10	6%	10	20	\$24,062	Moderate-term on-the-job training
21-9000	<i>Miscellaneous Counselors, Social, & Religious Workers</i>	140	140	10	4%	10	10	NA	NA
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	140	140	10	4%	10	10	NA	NA
23-0000	Legal Occupations	400	410	10	2%	10	20	\$52,433	NA
23-1000	<i>Lawyers, Judges, and Related Workers</i>	200	200	0	2%	10	10	NA	NA
23-1011	Lawyers	160	160	0	2%	0	10	\$92,127	First professional degree
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	\$61,246	Work experience plus bachelor's or higher degree
23-2000	<i>Legal Support Workers</i>	150	160	0	3%	0	10	NA	NA
23-2011	Paralegals and Legal Assistants	70	70	0	4%	0	0	\$28,491	Associate degree
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	2%	0	0	\$23,558	Moderate-term on-the-job training
23-9000	<i>Miscellaneous Legal & Related Workers</i>	50	50	0	0%	0	0	NA	NA
23-9099	Legal and Related Workers, All Other (OES Only)	50	50	0	0%	0	0	NA	NA
25-0000	Education, Training, and Library Occupations	5,250	5,510	250	5%	210	460	\$38,170	NA
25-1000	<i>Postsecondary Teachers</i>	1,100	1,180	80	7%	50	130	NA	NA
25-1011	Business Teachers, Postsecondary	60	60	0	7%	0	10	\$49,899	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	30	40	0	9%	0	0	NA	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	20	30	0	9%	0	0	\$49,821	Doctoral degree
25-1081	Education Teachers, Postsecondary	30	30	0	7%	0	0	NA	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	340	360	30	8%	10	40	NA	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	40	40	0	8%	0	10	\$45,123	Doctoral degree
25-1194	Vocational Education Teachers, Postsecondary	60	60	0	7%	0	10	\$47,739	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	410	440	30	7%	20	50	NA	Doctoral degree
25-2000	<i>Primary, Secondary, and Special Education School Teachers</i>	2,600	2,700	100	4%	110	210	NA	NA
25-2011	Preschool Teachers, Except Special Education	60	60	0	-2%	0	0	NA	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	80	80	10	7%	0	10	\$43,998	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	870	900	30	4%	30	70	\$45,384	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	340	350	10	2%	10	20	\$44,356	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	750	780	30	4%	40	70	\$44,602	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	80	80	0	1%	0	10	\$46,404	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	200	210	10	6%	10	20	\$44,125	Bachelor's degree
25-2042	Special Education Teachers, Middle School	80	90	10	6%	0	10	\$40,066	Bachelor's degree

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25-2043	Special Education Teachers, Secondary School	130	140	10	6%	10	10	\$43,694	Bachelor's degree
25-3000	<i>Other Teachers and Instructors</i>	410	440	30	7%	10	40	NA NA	
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	30	30	0	4%	0	0	NA	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	150	160	10	7%	0	10	\$29,526	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	230	250	20	6%	10	20	NA NA	
25-4000	<i>Librarians, Curators, and Archivists</i>	220	230	0	2%	10	20	NA NA	
25-4010	Archivists, Curators, and Museum Technicians	20	30	0	4%	0	0	NA NA	
25-4021	Librarians	100	100	0	1%	0	10	\$49,060	Master's degree
25-4031	Library Technicians	100	100	0	2%	10	10	NA	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	920	970	40	5%	30	70	NA NA	
25-9031	Instructional Coordinators	50	60	0	6%	0	0	\$49,203	Master's degree
25-9041	Teacher Assistants	850	880	40	4%	30	70	\$16,608	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	20	20	0	5%	0	0	NA NA	
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	820	820	0	0%	30	40	\$31,170	NA
27-1000	<i>Art and Design Workers</i>	190	200	0	2%	0	10	NA NA	
27-1023	Floral Designers	30	30	0	0%	0	0	\$19,256	Moderate-term on-the-job training
27-1024	Graphic Designers	90	90	0	2%	0	0	\$33,082	Bachelor's degree
27-1099	Art and Design Workers, All Other (OES Only)	40	50	0	5%	0	0	NA NA	
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	160	160	0	1%	10	10	NA NA	
27-2012	Producers and Directors	50	50	0	0%	0	0	\$40,938	Work experience plus bachelor's or higher degree
27-2022	Coaches and Scouts	40	50	0	2%	0	0	\$32,464	Long-term on-the-job training
27-2042	Musicians and Singers	20	20	0	-4%	0	0	NA	Long-term on-the-job training
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	30	30	0	4%	0	0	NA	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	330	320	-10	-2%	10	20	NA NA	
27-3010	Announcers	60	60	0	-5%	0	0	NA NA	
27-3031	Public Relations Specialists	120	120	0	3%	0	10	\$40,403	Bachelor's degree
27-3041	Editors	40	40	0	-2%	0	0	\$36,817	Bachelor's degree
27-3043	Writers and Authors	70	70	0	0%	0	0	NA	Bachelor's degree
27-4000	<i>Media and Communication Equipment Workers</i>	140	140	0	1%	10	10	NA NA	
27-4012	Broadcast Technicians	40	40	0	0%	0	0	NA	Postsecondary vocational training
27-4021	Photographers	60	60	0	0%	0	0	\$22,941	Long-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	4,310	4,390	70	2%	150	280	\$43,593	NA
29-1000	<i>Health Diagnosing and Treating Practitioners</i>	2,410	2,470	50	2%	90	160	NA NA	
29-1020	Dentists	140	140	0	1%	0	10	NA NA	
29-1031	Dietitians and Nutritionists	60	60	0	5%	0	10	\$39,661	Bachelor's degree
29-1041	Optometrists	30	30	0	0%	0	0	NA	First professional degree
29-1051	Pharmacists	180	160	-20	-12%	10	10	\$82,840	First professional degree
29-1062	Family and General Practitioners	110	110	0	3%	0	10	\$162,677	First professional degree
29-1066	Psychiatrists	40	40	0	6%	0	0	NA	First professional degree
29-1067	Surgeons	50	50	0	0%	0	0	NA	First professional degree
29-1071	Physician Assistants	20	20	0	5%	0	0	\$38,073	Bachelor's degree
29-1111	Registered Nurses	1,390	1,440	40	3%	50	90	\$43,293	Associate degree
29-1122	Occupational Therapists	70	80	10	7%	0	10	\$47,177	Bachelor's degree
29-1123	Physical Therapists	80	90	10	7%	0	10	\$65,473	Master's degree
29-1126	Respiratory Therapists	80	80	0	5%	10	10	\$42,279	Associate degree
29-1127	Speech-Language Pathologists	80	80	0	5%	0	10	\$41,387	Master's degree
29-1131	Veterinarians	30	30	0	8%	0	0	NA	First professional degree
29-2000	<i>Health Technologists and Technicians</i>	1,750	1,770	20	1%	60	110	NA NA	
29-2011	Medical and Clinical Laboratory Technologists	50	50	0	0%	0	0	\$39,337	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	110	120	10	8%	10	20	\$30,147	Associate degree
29-2021	Dental Hygienists	30	40	0	9%	0	0	NA	Associate degree

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29-2032	Diagnostic Medical Sonographers	20	20	0	5%	0	0	NA	Associate degree
29-2034	Radiologic Technologists and Technicians	200	210	10	4%	10	20	\$38,611	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	190	190	10	5%	0	10	\$22,316	Postsecondary vocational training
29-2052	Pharmacy Technicians	280	250	-40	-12%	10	10	\$22,607	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	20	20	0	0%	0	0	NA	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	30	30	0	10%	0	0	\$35,672	Postsecondary vocational training
29-2055	Surgical Technologists	50	50	0	6%	0	0	\$31,545	Postsecondary vocational training
29-2061	Licensed Practical and Licensed Vocational Nurses	580	590	10	2%	20	30	\$30,238	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	100	100	10	6%	0	10	\$26,291	Associate degree
29-2081	Opticians, Dispensing	60	60	0	-2%	0	0	NA	Long-term on-the-job training
29-9000	Other Healthcare Practitioners and Technical Occupations	60	60	0	2%	0	10	NA NA	
29-9010	Occupational Health and Safety Specialists and Technicians	40	40	0	-2%	0	0	NA NA	
29-9091	Athletic Trainers	20	20	0	9%	0	0	\$28,217	Bachelor's degree
29-9100	Other Health Practitioners And Technical Workers	80	80	0	1%	0	0	NA NA	
29-9199	Health Professionals and Technicians, All Other (OES Only)	80	80	0	1%	0	0	NA NA	
31-0000	Healthcare Support Occupations	2,230	2,330	90	4%	60	160	\$19,830	NA
31-1000	Nursing, Psychiatric, and Home Health Aides	1,500	1,550	60	4%	40	90	NA NA	
31-1011	Home Health Aides	200	210	20	8%	10	20	\$19,106	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	1,270	1,310	40	3%	30	70	\$17,888	Short-term on-the-job training
31-1013	Psychiatric Aides	30	30	0	3%	0	0	NA	Short-term on-the-job training
31-2000	Occupational and Physical Therapist Assistants and Aides	80	80	0	4%	0	10	NA NA	
31-2021	Physical Therapist Assistants	40	50	0	5%	0	0	\$36,352	Associate degree
31-2022	Physical Therapist Aides	20	20	0	5%	0	0	NA	Short-term on-the-job training
31-9000	Other Healthcare Support Occupations	660	700	40	5%	30	60	NA NA	
31-9091	Dental Assistants	120	130	10	8%	10	20	NA	Moderate-term on-the-job training
31-9092	Medical Assistants	310	330	20	8%	10	40	\$23,968	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	20	20	0	5%	0	0	\$20,057	Short-term on-the-job training
31-9094	Medical Transcriptionists	70	70	0	1%	0	0	NA	Postsecondary vocational training
31-9095	Pharmacy Aides	50	50	0	-4%	0	0	\$16,578	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	30	30	0	3%	0	0	\$16,157	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	60	60	0	4%	0	0	\$22,355	Short-term on-the-job training
33-0000	Protective Service Occupations	2,280	2,320	40	2%	130	170	\$30,007	NA
33-1000	First-Line Supervisors/Managers, Protective Service Workers	200	210	0	1%	10	20	NA NA	
33-1011	First-Line Supervisors/Managers of Correctional Officers	30	30	0	3%	0	0	\$34,920	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	80	80	0	0%	10	10	\$49,102	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	50	50	0	2%	0	10	NA	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	50	50	0	0%	0	0	\$31,420	Work experience in a related occupation
33-2000	Fire Fighting and Prevention Workers	230	240	10	3%	10	20	NA NA	
33-2011	Fire Fighters	220	230	10	3%	10	20	\$34,270	Long-term on-the-job training
33-3000	Law Enforcement Workers	960	980	20	2%	40	60	NA NA	
33-3012	Correctional Officers and Jailers	410	420	10	3%	20	30	\$30,481	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	70	70	0	2%	0	0	\$38,974	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	460	470	10	2%	20	30	\$36,463	Long-term on-the-job training
33-9000	Other Protective Service Workers	890	890	10	1%	60	70	NA NA	
33-9021	Private Detectives and Investigators	20	20	0	0%	0	0	NA	Work experience in a related occupation
33-9032	Security Guards	700	710	10	1%	30	40	\$23,238	Short-term on-the-job training
33-9091	Crossing Guards	40	40	0	3%	0	0	NA NA	
33-9099	Protective Service Workers, All Other	110	110	0	0%	20	20	\$24,907	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	8,250	8,430	170	2%	800	980	\$15,682	NA

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
35-1000	Supervisors, Food Preparation and Serving Workers	650	660	10	2%	40	50	NA NA	
35-1011	Chefs and Head Cooks	70	70	0	0%	10	10	\$29,833	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	570	590	10	2%	30	40	\$24,240	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers	2,620	2,650	30	1%	220	250	NA NA	
35-2011	Cooks, Fast Food	650	650	0	0%	50	50	\$13,854	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	340	330	0	-1%	30	30	\$19,963	Long-term on-the-job training
35-2014	Cooks, Restaurant	500	510	20	4%	40	60	\$17,587	Long-term on-the-job training
35-2015	Cooks, Short Order	470	470	0	0%	40	40	NA	Short-term on-the-job training
35-2021	Food Preparation Workers	670	680	10	2%	60	80	\$16,046	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	4,270	4,380	110	3%	490	600	NA NA	
35-3011	Bartenders	360	370	10	2%	30	30	\$16,167	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,000	2,040	40	2%	220	260	\$13,460	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	290	300	10	3%	60	70	\$14,292	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,490	1,550	60	4%	170	230	\$14,232	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	130	130	0	1%	10	10	\$16,517	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	720	740	20	2%	60	80	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	180	180	0	2%	20	20	\$13,616	Short-term on-the-job training
35-9021	Dishwashers	330	330	10	2%	30	40	\$13,759	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	210	220	10	4%	20	30	\$14,389	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	2,930	2,990	60	2%	120	180	\$19,570	NA
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	260	260	0	1%	10	10	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	170	170	0	1%	10	10	\$26,315	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	90	90	0	2%	0	0	\$33,270	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers	2,050	2,090	40	2%	80	120	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,320	1,350	40	3%	50	90	\$19,978	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	700	710	10	1%	30	40	\$15,718	Short-term on-the-job training
37-2021	Pest Control Workers	30	30	0	4%	0	0	\$23,755	Moderate-term on-the-job training
37-3000	Grounds Maintenance Workers	620	640	20	2%	30	40	NA NA	
37-3011	Landscaping and Groundskeeping Workers	550	570	20	3%	20	40	\$17,600	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	40	40	0	0%	0	0	NA	Moderate-term on-the-job training
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OE\$	20	20	0	0%	0	0	NA NA	
39-0000	Personal Care and Service Occupations	2,720	2,780	60	2%	130	200	\$18,242	NA
39-1000	Supervisors, Personal Care and Service Workers	230	230	0	0%	10	10	NA NA	
39-1021	First-Line Supervisors/Managers of Personal Service Workers	210	220	0	0%	10	10	\$26,878	Work experience in a related occupation
39-2000	Animal Care and Service Workers	150	150	10	5%	10	20	NA NA	
39-2021	Nonfarm Animal Caretakers	140	150	10	6%	10	20	\$16,179	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	200	200	0	0%	20	20	NA NA	
39-3031	Ushers, Lobby Attendants, and Ticket Takers	60	60	0	2%	10	10	NA	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	60	60	0	0%	0	0	\$14,821	Short-term on-the-job training
39-3199	Gaming Workers, All Other (OES Only)	50	50	0	0%	0	0	NA NA	
39-4000	Funeral Service Workers	30	30	0	4%	0	0	NA NA	
39-4021	Funeral Attendants	30	30	0	4%	0	0	\$18,772	Short-term on-the-job training
39-5000	Personal Appearance Workers	460	470	0	0%	20	20	NA NA	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	440	440	0	0%	20	20	\$18,410	Postsecondary vocational training
39-9000	Other Personal Care and Service Workers	1,640	1,690	50	3%	80	130	NA NA	
39-9011	Child Care Workers	810	810	0	0%	50	50	\$18,606	Short-term on-the-job training
39-9021	Personal and Home Care Aides	450	490	40	8%	10	50	\$16,739	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	40	40	0	2%	0	0	NA	Postsecondary vocational training

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39-9032	Recreation Workers	210	210	0	2%	10	10	\$19,755	Bachelor's degree
39-9041	Residential Advisors	30	30	0	0%	0	0	\$21,050	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	100	100	0	3%	10	10	\$20,784	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	9,020	8,970	-50	-1%	760	770	\$23,872	NA
41-1000	Supervisors, Sales Workers	1,450	1,430	-20	-1%	50	50	NA	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,200	1,200	0	0%	40	40	\$34,575	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	250	230	-20	-7%	10	10	\$58,375	Work experience in a related occupation
41-2000	Retail Sales Workers	6,280	6,260	-20	0%	650	660	NA	NA
41-2011	Cashiers	3,050	3,050	0	0%	390	400	\$15,061	Short-term on-the-job training
41-2021	Counter and Rental Clerks	310	320	0	0%	30	30	\$17,432	Short-term on-the-job training
41-2022	Parts Salespersons	240	230	-10	-2%	20	20	\$21,192	Moderate-term on-the-job training
41-2031	Retail Salespersons	2,680	2,660	-20	-1%	220	220	\$21,154	Short-term on-the-job training
41-3000	Sales Representatives, Services	310	310	0	1%	10	20	NA	NA
41-3011	Advertising Sales Agents	90	100	0	2%	0	10	\$35,179	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	110	110	0	2%	10	10	\$42,910	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	80	80	0	0%	0	0	\$92,770	Bachelor's degree
41-3041	Travel Agents	30	20	0	-8%	0	0	NA	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	620	600	-20	-3%	30	30	NA	NA
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	100	80	-20	-22%	10	10	\$56,111	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	520	520	0	0%	30	30	\$39,399	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	370	370	0	0%	20	20	NA	NA
41-9011	Demonstrators and Product Promoters	30	30	0	-4%	0	0	NA	Moderate-term on-the-job training
41-9022	Real Estate Sales Agents	110	110	0	1%	0	10	\$23,447	Postsecondary vocational training
41-9031	Sales Engineers	30	30	0	-7%	0	0	\$65,135	Bachelor's degree
41-9041	Telemarketers	60	60	0	0%	0	0	NA	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	130	130	0	3%	10	10	\$31,329	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	14,480	14,240	-250	-2%	670	720	\$24,842	NA
43-1000	Supervisors, Office and Administrative Support Workers	810	810	0	0%	30	30	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wo	810	810	0	0%	30	30	\$33,657	Work experience in a related occupation
43-2000	Communications Equipment Operators	130	130	-10	-4%	10	10	NA	NA
43-2011	Switchboard Operators, Including Answering Service	130	120	-10	-4%	10	10	\$19,513	Short-term on-the-job training
43-3000	Financial Clerks	2,360	2,330	-30	-1%	120	120	NA	NA
43-3011	Bill and Account Collectors	180	180	0	-1%	10	10	\$21,927	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	420	410	-10	-2%	10	10	\$23,993	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,070	1,060	-10	-1%	40	40	\$25,037	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	120	120	0	0%	10	10	\$26,905	Short-term on-the-job training
43-3061	Procurement Clerks	60	60	0	-5%	0	0	\$29,858	Short-term on-the-job training
43-3071	Tellers	510	510	0	-1%	60	60	\$15,547	Short-term on-the-job training
43-4000	Information and Record Clerks	2,610	2,530	-80	-3%	110	140	NA	NA
43-4011	Brokerage Clerks	30	30	0	-4%	0	0	\$22,132	Moderate-term on-the-job training
43-4031	Court, Municipal, and License Clerks	80	80	0	-1%	0	0	\$20,949	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	50	50	0	2%	0	0	\$19,221	Short-term on-the-job training
43-4051	Customer Service Representatives	860	780	-80	-9%	30	30	\$25,220	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	80	80	0	-4%	0	0	\$25,061	Moderate-term on-the-job training
43-4071	File Clerks	100	90	-10	-5%	10	10	\$20,412	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	110	110	0	1%	10	10	\$15,437	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	80	80	0	3%	0	10	\$22,163	Short-term on-the-job training
43-4121	Library Assistants, Clerical	70	70	0	2%	10	10	\$18,350	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	130	130	-10	-5%	0	0	NA	Short-term on-the-job training
43-4141	New Accounts Clerks	60	60	0	-2%	0	0	\$18,540	Work experience in a related occupation
43-4151	Order Clerks	120	110	-10	-4%	10	10	NA	Short-term on-the-job training

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43-4161	Human Resources Assistants, Except Payroll and Timekeeping	100	100	0	1%	0	10	\$28,492	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	590	620	20	4%	30	50	\$19,337	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	140	150	0	1%	0	10	NA	NA
43-5000	<i>Material Recording, Scheduling, Dispatching, and Distributing Workers</i>	2,300	2,220	-70	-3%	150	150	NA	NA
43-5021	Couriers and Messengers	50	50	0	-2%	0	0	\$18,497	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	60	60	0	-2%	0	0	\$23,977	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	80	80	0	-1%	0	0	\$31,098	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	40	40	0	-5%	0	0	\$24,037	NA
43-5051	Postal Service Clerks	70	70	0	0%	0	0	\$42,120	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	280	280	0	0%	20	20	\$40,309	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operat	160	160	0	-2%	10	10	\$34,694	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	180	190	0	2%	10	10	\$37,703	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	540	520	-30	-5%	20	20	\$28,285	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	810	770	-40	-5%	80	80	\$19,066	Short-term on-the-job training
43-6000	<i>Secretaries and Administrative Assistants</i>	2,990	2,980	-20	-1%	100	110	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	1,070	1,060	-10	-1%	40	40	\$31,882	Moderate-term on-the-job training
43-6012	Legal Secretaries	120	120	10	5%	0	10	\$27,363	Postsecondary vocational training
43-6013	Medical Secretaries	200	210	0	2%	10	10	\$23,761	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,600	1,590	-20	-1%	60	60	\$23,576	Moderate-term on-the-job training
43-9000	<i>Other Office and Administrative Support Workers</i>	3,280	3,240	-50	-1%	150	150	NA	NA
43-9011	Computer Operators	60	50	0	-7%	0	0	\$27,729	Moderate-term on-the-job training
43-9021	Data Entry Keyers	200	170	-30	-14%	10	10	\$19,808	Moderate-term on-the-job training
43-9022	Word Processors and Typists	140	130	-10	-7%	10	10	\$23,909	Moderate-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	50	50	0	2%	0	0	\$24,412	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	50	40	0	-2%	0	0	NA	Short-term on-the-job training
43-9061	Office Clerks, General	2,110	2,110	0	0%	90	90	\$20,612	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	80	80	0	-4%	0	0	\$24,018	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	20	20	0	-9%	0	0	\$21,523	Short-term on-the-job training
43-9111	Statistical Assistants	60	50	0	-4%	0	0	NA	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	520	520	0	0%	20	20	NA	NA
45-0000	Farming, Fishing, and Forestry Occupations	390	390	-10	-1%	20	20	\$25,053	NA
45-1000	<i>Supervisors, Farming, Fishing, and Forestry Workers</i>	30	30	0	0%	0	0	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Worke	30	30	0	0%	0	0	\$38,365	Work experience in a related occupation
45-2000	<i>Agricultural Workers</i>	280	280	0	-1%	20	20	NA	NA
45-2041	Graders and Sorters, Agricultural Products	50	50	0	-2%	0	0	NA	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	40	40	0	6%	0	0	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	140	140	0	-2%	10	10	\$18,378	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	50	50	0	-4%	0	0	NA	Moderate-term on-the-job training
45-4000	<i>Forest, Conservation, and Logging Workers</i>	60	60	0	-2%	0	0	NA	NA
45-4023	Log Graders and Scalers	20	20	0	-4%	0	0	NA	Moderate-term on-the-job training
47-0000	Construction and Extraction Occupations	3,470	3,520	50	1%	130	180	\$38,400	NA
47-1000	<i>Supervisors, Construction and Extraction Workers</i>	370	370	10	2%	10	20	NA	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	370	370	10	2%	10	20	\$49,468	Work experience in a related occupation
47-2000	<i>Construction Trades Workers</i>	2,710	2,750	40	1%	100	140	NA	NA
47-2011	Boilermakers	30	30	0	-10%	0	0	\$37,738	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	30	30	0	4%	0	0	\$59,775	Long-term on-the-job training
47-2031	Carpenters	370	370	0	0%	10	10	\$34,550	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	80	80	0	4%	0	10	\$29,671	Long-term on-the-job training
47-2061	Construction Laborers	490	510	20	3%	10	30	\$35,646	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	40	40	0	2%	0	0	NA	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	270	280	0	1%	10	20	\$36,215	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	80	80	0	0%	0	0	NA	Moderate-term on-the-job training

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47-2111	Electricians	270	270	0	0%	10	10	\$47,116	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	190	180	0	-1%	10	10	\$36,260	Moderate-term on-the-job training
47-2151	Pipelayers	40	40	0	3%	0	0	\$30,142	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	350	350	0	1%	20	20	NA	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	50	50	0	0%	0	0	NA	Long-term on-the-job training
47-2181	Roofers	210	220	10	3%	10	20	\$32,813	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	130	130	0	1%	10	10	\$39,779	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	50	50	0	4%	0	0	NA	Long-term on-the-job training
47-3000	Helpers, Construction Trades	120	120	0	0%	10	10	NA	NA
47-3012	Helpers--Carpenters	40	40	0	0%	0	0	\$19,554	Short-term on-the-job training
47-3013	Helpers--Electricians	30	30	0	0%	0	0	\$21,216	Short-term on-the-job training
47-4000	Other Construction and Related Workers	230	240	0	1%	10	10	NA	NA
47-4011	Construction and Building Inspectors	50	50	0	2%	0	0	\$31,945	Work experience in a related occupation
47-4031	Fence Erectors	60	60	0	3%	0	0	NA	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	120	120	0	0%	0	0	\$23,394	Moderate-term on-the-job training
47-5000	Extraction Workers	30	30	0	6%	0	0	NA	NA
49-0000	Installation, Maintenance, and Repair Occupations	4,220	4,280	60	1%	180	270	\$34,107	NA
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	410	410	0	1%	20	20	NA	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	410	410	0	1%	20	20	\$45,352	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	290	280	0	-1%	10	20	NA	NA
49-2011	Computer, Automated Teller, and Office Machine Repairers	50	50	0	-2%	0	0	\$26,073	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	50	50	-10	-11%	0	0	\$45,536	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipm	30	30	0	3%	0	0	NA	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	90	90	0	3%	0	10	\$48,438	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	30	30	0	-4%	0	0	NA	Postsecondary vocational training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	1,070	1,100	30	2%	50	80	NA	NA
49-3011	Aircraft Mechanics and Service Technicians	20	30	0	9%	0	0	\$48,249	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	140	140	0	2%	10	10	\$33,710	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	30	40	0	3%	0	0	NA	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	470	470	10	1%	20	30	\$27,318	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	220	230	10	5%	10	20	\$29,545	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	30	30	0	-6%	0	0	\$25,848	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	70	0	2%	0	0	\$36,760	Postsecondary vocational training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	20	30	0	4%	0	0	\$25,399	Moderate-term on-the-job training
49-3093	Tire Repairers and Changers	50	50	0	0%	10	10	\$23,375	Short-term on-the-job training
49-9000	Other Installation, Maintenance, and Repair Occupations	2,460	2,490	30	1%	100	150	NA	NA
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	150	150	10	4%	0	10	\$28,266	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	260	280	10	5%	10	20	\$36,553	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,270	1,290	20	2%	50	70	\$31,628	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	90	100	0	3%	0	10	\$34,012	Long-term on-the-job training
49-9044	Millwrights	70	70	0	-6%	0	0	\$45,353	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	70	70	0	-4%	0	0	NA	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	160	160	0	-2%	10	10	\$36,250	Long-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	30	30	0	3%	0	0	\$31,059	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	30	30	0	-7%	0	0	\$28,380	Moderate-term on-the-job training
49-9095	Manufactured Building and Mobile Home Installers	30	30	0	-4%	0	0	NA	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	170	0	2%	10	20	\$19,922	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	80	80	0	-1%	0	0	\$30,792	Long-term on-the-job training
51-0000	Production Occupations	12,040	11,850	-180	-2%	560	670	\$31,131	NA
51-1000	Supervisors, Production Workers	1,050	1,060	10	1%	40	50	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,050	1,060	10	1%	40	50	\$47,898	Work experience in a related occupation

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
51-2000	<i>Assemblers and Fabricators</i>	1,720	1,670	-40	-2%	90	90	NA NA	
51-2022	Electrical and Electronic Equipment Assemblers	310	300	0	-1%	10	10	NA	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	20	20	0	-5%	0	0	NA	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	160	160	0	1%	10	10	\$27,008	Moderate-term on-the-job training
51-2092	Team Assemblers	1,170	1,130	-40	-3%	60	60	\$28,112	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	50	50	0	-4%	0	0	\$19,224	Moderate-term on-the-job training
51-3000	<i>Food Processing Workers</i>	250	250	-10	-2%	10	10	NA NA	
51-3011	Bakers	150	150	0	0%	10	10	\$17,614	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	70	70	0	-6%	0	0	\$21,987	Long-term on-the-job training
51-4000	<i>Metal Workers and Plastic Workers</i>	3,330	3,210	-120	-4%	160	170	NA NA	
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	130	130	0	2%	0	10	\$26,830	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	310	310	0	1%	20	30	\$27,638	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	170	170	0	-2%	10	10	\$34,938	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	630	570	-60	-9%	30	30	\$26,926	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	70	70	0	-6%	0	0	\$28,295	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	40	40	0	0%	0	0	\$33,986	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	70	70	0	3%	0	0	\$35,959	Moderate-term on-the-job training
51-4041	Machinists	270	270	-10	-2%	10	10	\$32,299	Long-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	600	560	-30	-5%	30	30	NA	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	390	380	-10	-1%	20	20	NA	Moderate-term on-the-job training
51-4111	Tool and Die Makers	140	130	-20	-13%	10	10	\$47,813	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	320	320	0	0%	20	20	\$33,411	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	30	30	0	0%	0	0	\$30,819	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	80	60	-10	-16%	0	0	NA	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	20	20	0	5%	0	0	NA	Moderate-term on-the-job training
51-5000	<i>Printing Workers</i>	560	540	-20	-4%	30	30	NA NA	
51-5011	Bindery Workers	100	90	-10	-9%	10	10	\$29,471	Moderate-term on-the-job training
51-5021	Job Printers	140	140	-10	-5%	10	10	\$31,625	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	100	100	-10	-5%	10	10	NA	Long-term on-the-job training
51-5023	Printing Machine Operators	220	220	0	0%	10	10	\$23,307	Moderate-term on-the-job training
51-6000	<i>Textile, Apparel, and Furnishings Workers</i>	630	630	0	0%	30	40	NA NA	
51-6011	Laundry and Dry-Cleaning Workers	260	250	-10	-4%	10	10	\$16,741	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	40	40	0	-8%	0	0	\$19,469	Short-term on-the-job training
51-6031	Sewing Machine Operators	70	70	0	3%	0	0	NA	Moderate-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	50	50	0	0%	0	0	NA	Work experience in a related occupation
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic Rubber, Plastic, and Glass	190	200	10	5%	10	20	NA	Moderate-term on-the-job training
51-7000	<i>Woodworkers</i>	230	220	-10	-3%	10	10	NA NA	
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	180	180	-10	-3%	10	10	\$32,694	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	40	40	0	-2%	0	0	\$20,610	Moderate-term on-the-job training
51-8000	<i>Plant and System Operators</i>	430	400	-20	-6%	20	20	NA NA	
51-8013	Power Plant Operators	200	180	-10	-7%	10	10	\$57,082	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	70	60	-10	-10%	0	0	\$46,346	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	90	90	0	-2%	10	10	\$30,924	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	50	50	0	0%	0	0	NA	Long-term on-the-job training
51-8092	Gas Plant Operators	20	20	0	-9%	0	0	NA	Long-term on-the-job training
51-9000	<i>Other Production Occupations</i>	3,840	3,870	30	1%	180	250	NA NA	
51-9011	Chemical Equipment Operators and Tenders	30	30	0	4%	0	0	NA	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	50	40	-10	-10%	0	0	\$26,907	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	410	420	20	4%	20	40	\$35,216	Moderate-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	80	80	0	3%	0	10	NA	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	600	600	-10	-1%	30	30	\$32,589	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	970	1,010	40	4%	40	80	\$24,927	Long-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	470	470	10	2%	20	30	\$34,234	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	80	70	0	-5%	0	0	\$26,799	Moderate-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
51-9122	Painters, Transportation Equipment	50	50	0	6%	0	10	\$30,808	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	30	30	0	-6%	0	0	\$26,509	Short-term on-the-job training
51-9132	Photographic Processing Machine Operators	20	20	0	-4%	0	0	NA	Short-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	-4%	0	0	\$35,543	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	210	200	-10	-7%	10	10	\$33,062	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	680	670	-10	-1%	40	40	\$23,144	Short-term on-the-job training
51-9199	Production Workers, All Other	40	40	0	0%	0	0	\$21,272	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	8,490	8,590	110	1%	400	520	\$26,131	NA
53-1000	Supervisors, Transportation and Material Moving Workers	450	470	10	3%	20	30	NA	NA
53-1011	Aircraft Cargo Handling Supervisors	70	80	10	8%	0	10	\$27,164	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	200	200	0	2%	10	10	\$43,666	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	180	180	0	1%	10	10	\$45,584	Work experience in a related occupation
53-2000	Air Transportation Workers	50	60	10	9%	0	10	NA	NA
53-2021	Air Traffic Controllers	40	40	0	3%	0	0	NA	Long-term on-the-job training
53-3000	Motor Vehicle Operators	3,600	3,650	50	1%	110	170	NA	NA
53-3021	Bus Drivers, Transit and Intercity	90	90	0	-1%	0	0	NA	Moderate-term on-the-job training
53-3022	Bus Drivers, School	640	660	20	3%	30	40	\$22,609	Short-term on-the-job training
53-3031	Driver/Sales Workers	830	820	-10	-1%	30	30	\$16,506	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,300	1,330	30	2%	40	70	\$34,523	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	630	640	20	2%	10	30	\$22,430	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	40	40	0	-3%	0	0	\$14,620	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	60	60	0	2%	0	0	\$20,339	Short-term on-the-job training
53-6000	Other Transportation Workers	60	60	0	-2%	0	0	NA	NA
53-6031	Service Station Attendants	30	30	0	0%	0	0	NA	Short-term on-the-job training
53-7000	Material Moving Workers	4,310	4,350	40	1%	270	310	NA	NA
53-7032	Excavating and Loading Machine and Dragline Operators	20	20	0	0%	0	0	\$29,382	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	540	540	0	0%	20	20	\$25,186	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	210	210	0	0%	20	20	\$17,052	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,350	2,370	20	1%	180	200	\$23,826	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	350	360	10	2%	20	30	NA	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	630	640	10	2%	20	30	\$21,169	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	160	160	0	3%	10	10	NA	Short-term on-the-job training

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.
- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
	Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.								
	Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.								
	Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.								
	Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.								
	Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.								